

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

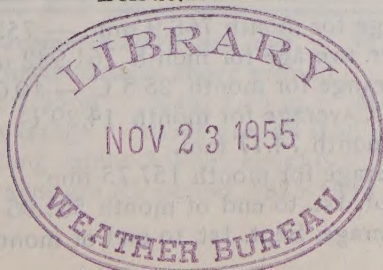
LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

FEBRUARY 1955

GIORGIO CONTINO, ACTING DIRECTOR

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FEBRUARY 1955

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	67.5	66.4	65.5	66.8	16.7	12.4	14.2	16.5	14.2	15.0
2	66.3	64.5	64.4	65.1	17.4	12.6	14.6	16.9	14.8	15.4
3	63.4	61.2	60.8	61.8	17.7	14.2	15.2	17.4	15.6	16.1
4	57.2	57.2	58.6	57.7	18.6	11.9	15.7	16.1	13.9	15.2
5	58.1	55.2	55.6	56.3	19.3	11.6	12.7	15.6	13.1	13.8
6	54.5	58.0	61.3	57.9	16.5	10.0	13.0	16.0	15.1	14.7
7	65.8	66.5	67.1	66.5	18.2	13.2	15.1	18.1	14.7	16.0
8	65.7	63.2	61.8	63.6	19.0	14.8	15.6	18.3	15.7	16.5
9	56.5	53.5	53.8	54.6	19.4	14.6	16.1	19.1	17.8	17.7
10	58.2	58.3	58.6	58.4	19.4	14.1	16.7	18.5	16.7	17.3
11	60.7	61.1	61.7	61.2	19.0	15.2	16.6	18.7	16.3	17.2
12	63.3	62.7	63.4	63.1	19.5	13.6	16.7	18.4	16.1	17.1
13	62.6	60.5	60.4	61.2	18.7	14.4	15.6	18.3	16.3	16.7
14	60.4	60.5	61.8	60.9	19.0	12.7	16.1	18.1	15.5	16.6
15	62.9	60.8	61.0	61.6	18.3	15.5	14.9	18.1	16.0	16.3
16	62.4	62.7	64.0	63.0	17.7	12.9	15.8	16.5	14.9	15.7
17	67.0	67.0	67.4	67.1	18.0	13.2	15.0	17.4	14.1	15.5
18	67.0	65.9	65.1	66.0	18.7	13.9	15.0	18.3	16.1	16.5
19	62.8	61.5	61.7	62.0	20.5	15.6	16.3	19.4	18.2	18.0
20	61.1	60.8	60.6	60.8	21.3	16.1	17.4	21.1	17.6	18.7
21	60.1	58.4	58.6	59.0	23.5	13.1	19.1	23.3	20.0	20.8
22	59.9	63.1	66.4	63.1	20.0	13.0	15.2	15.4	15.0	15.2
23	67.8	67.4	67.6	67.6	18.1	12.7	14.3	17.5	13.6	15.1
24	67.6	66.8	67.6	67.3	18.3	12.0	14.6	17.5	14.1	15.4
25	68.9	67.1	67.2	67.7	18.5	13.9	14.9	18.1	16.2	16.4
26	65.9	64.6	63.3	64.6	21.1	15.9	16.2	20.2	17.2	17.9
27	61.2	60.6	60.2	60.7	22.5	16.7	19.3	21.9	20.3	20.5
28	60.5	59.0	59.2	59.6	23.0	16.4	19.3	22.2	17.8	19.8
29										
30										
31										
62.69 61.95 62.35 62.33 19.21 13.79 15.76 18.32 15.96 16.68										

Barometer, range for month 768.9 mm. — 753.5 mm.

„ 71-yr. average for month 761.982 mm.

Thermometer, range for month 23.5°C — 10.0°C

„ 71-yr. average for month 14.29°C

Rain total for month 74.17 mm.

„ 71-yrs average for month 157.75 mm.

„ Total, Sept. 1st. to end of month 501.96

„ 71-yrs. average. Sept. 1st. to end of month 722.30mm.

FEBRUARY 1955

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	8.3	11.6	10.1	10.0	52	61	55	59	10.0	14.0	
2	8.7	13.1	13.5	11.8	54	69	79	67	10.0	37.0	
3	7.8	12.2	11.6	10.5	47	62	57	59	9.1	2.0	
4	8.8	13.6	11.0	11.1	49	73	70	64	4.0	341.0	0.76
5	12.4	9.4	12.4	11.4	83	43	85	70	5.8	840.0	9.66
6	13.8	13.6	14.0	13.8	94	73	82	83	3.3	159.0	31.75
7	12.0	14.9	13.9	13.6	71	70	85	75	10.2	34.0	
8	11.6	14.9	12.5	13.0	64	72	70	69	10.0	127.0	
9	10.2	16.1	9.8	12.0	56	73	47	59	4.1	203.0	
10	14.2	14.4	13.6	14.1	76	68	72	72	8.5	597.0	2.54
11	16.3	16.7	16.7	16.6	87	76	91	85	6.9	426.0	26.92
12	14.7	15.5	14.1	14.8	77	73	78	76	6.0	206.0	
13	13.5	16.0	15.1	14.9	75	75	84	78	8.1	130.0	
14	15.6	16.0	14.5	15.4	86	77	83	82	5.7	60.0	
15	12.5	14.3	7.8	11.5	75	72	42	63	5.2	494.0	
16	11.6	12.1	10.6	11.4	65	64	62	64	4.0	151.0	
17	10.6	12.7	12.4	11.9	62	65	79	69	9.4	66.0	
18	14.0	15.5	15.6	15.0	82	73	85	80	9.0	161.0	
19	14.6	16.2	10.3	13.7	80	72	48	67	9.2	48.0	
20	10.7	15.4	8.8	11.6	55	62	44	54	9.8	143.0	
21	8.9	12.0	11.5	10.8	42	43	50	45	9.7	492.0	
22	14.0	8.3	8.7	10.3	81	47	50	59	4.6	850.0	2.54
23	8.7	8.8	9.6	9.0	54	47	64	55	9.5	3.0	
24	9.6	11.7	10.5	10.6	59	61	67	62	8.1	3.0	
25	9.6	12.3	11.6	11.2	56	57	65	59	9.1	61.0	
26	11.6	13.1	16.9	13.9	64	56	86	69	9.3	19.0	
27	10.9	12.8	10.0	11.2	48	49	43	47	4.8	29.0	
28	9.9	13.4	16.4	13.2	43	50	81	38	5.5	3.0	
29											
30											
31											
	11.61	13.45	12.26	12.44	65.6	63.7	68.7	66.0	7.46	203.54	2.65

Height of Barometer above sea level : 33.7 meters.

„ „ Thermometers above ground :

Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.

Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T

71 year averages are for period, 1875-1945

FEBRUARY 1955

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1s	1n	1e	light	D p. m
2	2ci	0	0	0.7	1se	1n	1e	"	D. a.m p.m
3	2ci-st	1ci-st	10st	4.3	1e	1nw	1se	"	H. D. a.m D. p.m
4	10st	9st	10st	9.7	1s	2nw	1se	"	D. a.m.
5	10st	5st	10st	8.3	1se	3sw	3sw	slight	
6	10ni	9cu-st	9st	9.3	3sw	2w	2w	rough	D. p.m.
7	0	6cu-st	0	2.0	1se	1w	1ne	mod.	D. a.m p.m
8	0	0	0	0.0	1ne	1ne	1e	light	D. a.m p.m
9	7ci	10st	1cu-st	6.0	1e	1ne	1e	"	H.D. a.m D. p.m
10	6cu-st	5cu-st	10st	7.0	2sw	2sw	3s	slight	H. a.m
11	10st	7st	10ni	9.0	2sw	3sw	1sw	slight	H., all day
12	10cu-st	7ci-st	0	5.7	1sw	1sw	1se	"	
13	8ci-st	8ci	0	5.3	1se	1ne	1ne	light	D. a.m
14	9cu-st	10cu-st	0	6.3	1e	1nw	1nw	"	D. a.m p.m
15	10ci	10st	0	6.7	1sw	1sw	1e	"	D. a.m
16	10cu-st	10st	8st	9.3	1w	1w	1w	slight	
17	0	5ci-st	0	1.7	1se	1nw	1ne	light	D. p.m
18	1ci	0	0	0.3	1e	2n	1ne	"	D. a.m. p.m.
19	3cu-ci	0	0	1.0	1e	1ne	1e	"	H. D. a.m p.m
20	1ci	1ci	0	0.7	1sw	1sw	1e	"	D. a.m
21	10ci	2ci	0	4.0	1se	1sw	3sw	light	H. a.m
22	10cu-st	8cu-st	7st	8.3	4sw	4w	3n	rough	W. a.m
23	1cu	8cu-st	10st	6.3	1nw	1sw	1sw	light	
24	8ci-st	5ci-cu	0	4.3	1se	1nw	1nw	"	
25	0	3ci	10st	4.3	1e	1ne	1se	"	D. a.m
26	6ci	10ci	0	5.3	1se	1ne	1se	light	D. a.m p.m M. p.m
27	10ci-st	10ci	0	6.7	1se	1ne	1e	"	D. a.m. H. a.m p.m
28	10ci	10ci-st	10ic	10.0	0	1ne	1ne	"	H. a.m
29									
30									
31									
mean				5.09					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind ; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	6	9	2	7	1	1	1	28
14:30	3	8	0	0	0	8	4	5	0	28
20:30	1	5	8	5	1	4	2	2	0	28
Total	4	14	14	14	3	19	7	8	1	84

Number of days with rain 6, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 13.9